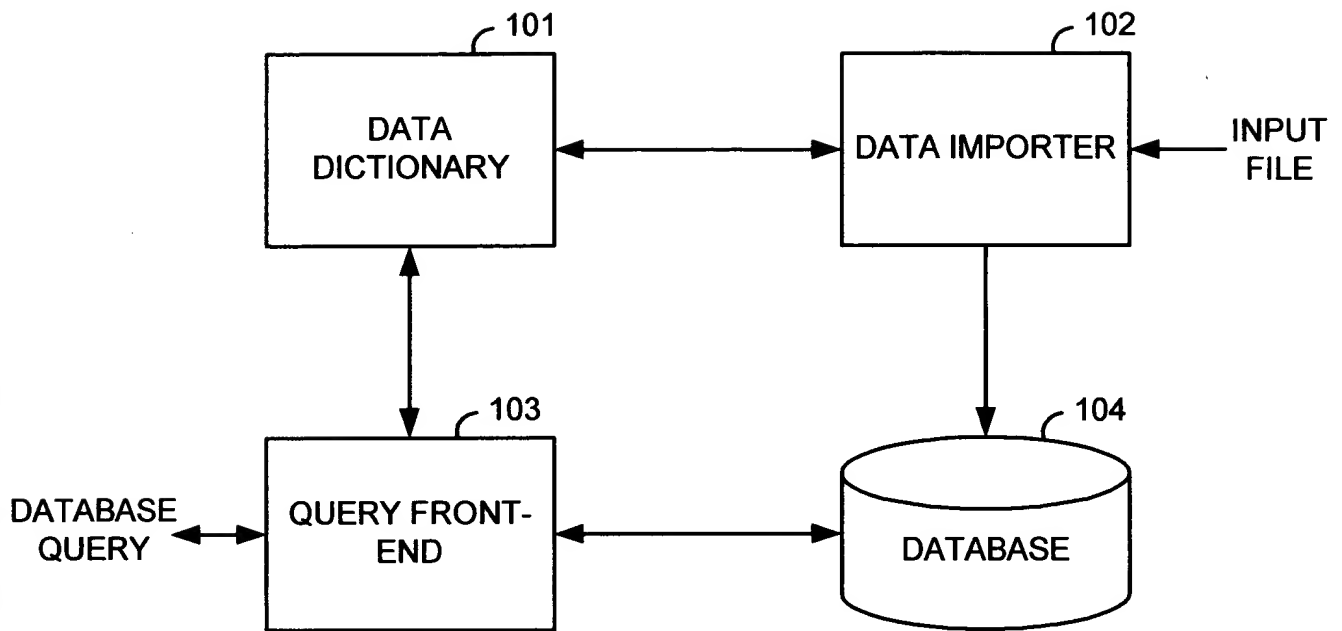


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**FIG.1**

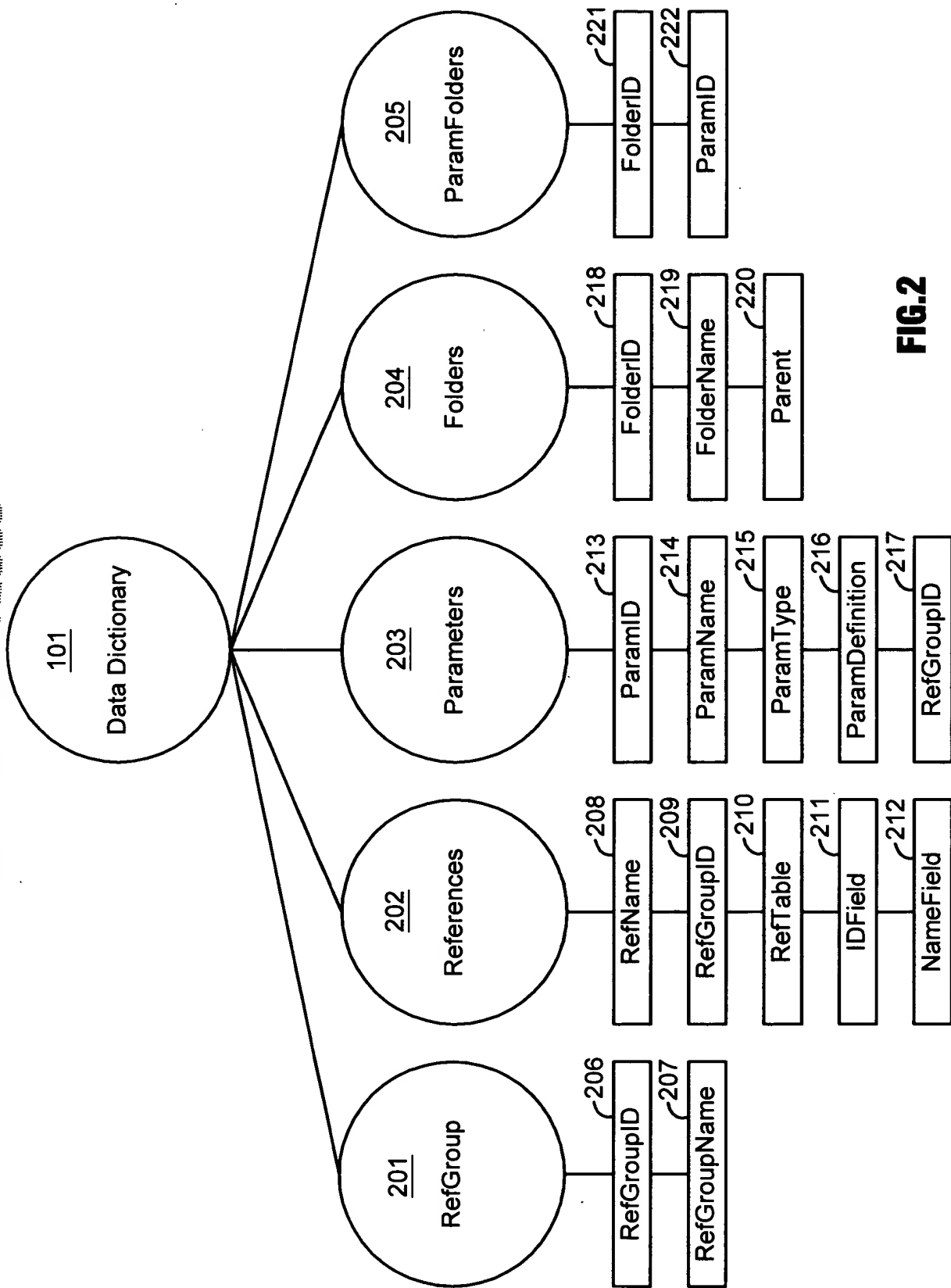


FIG.2

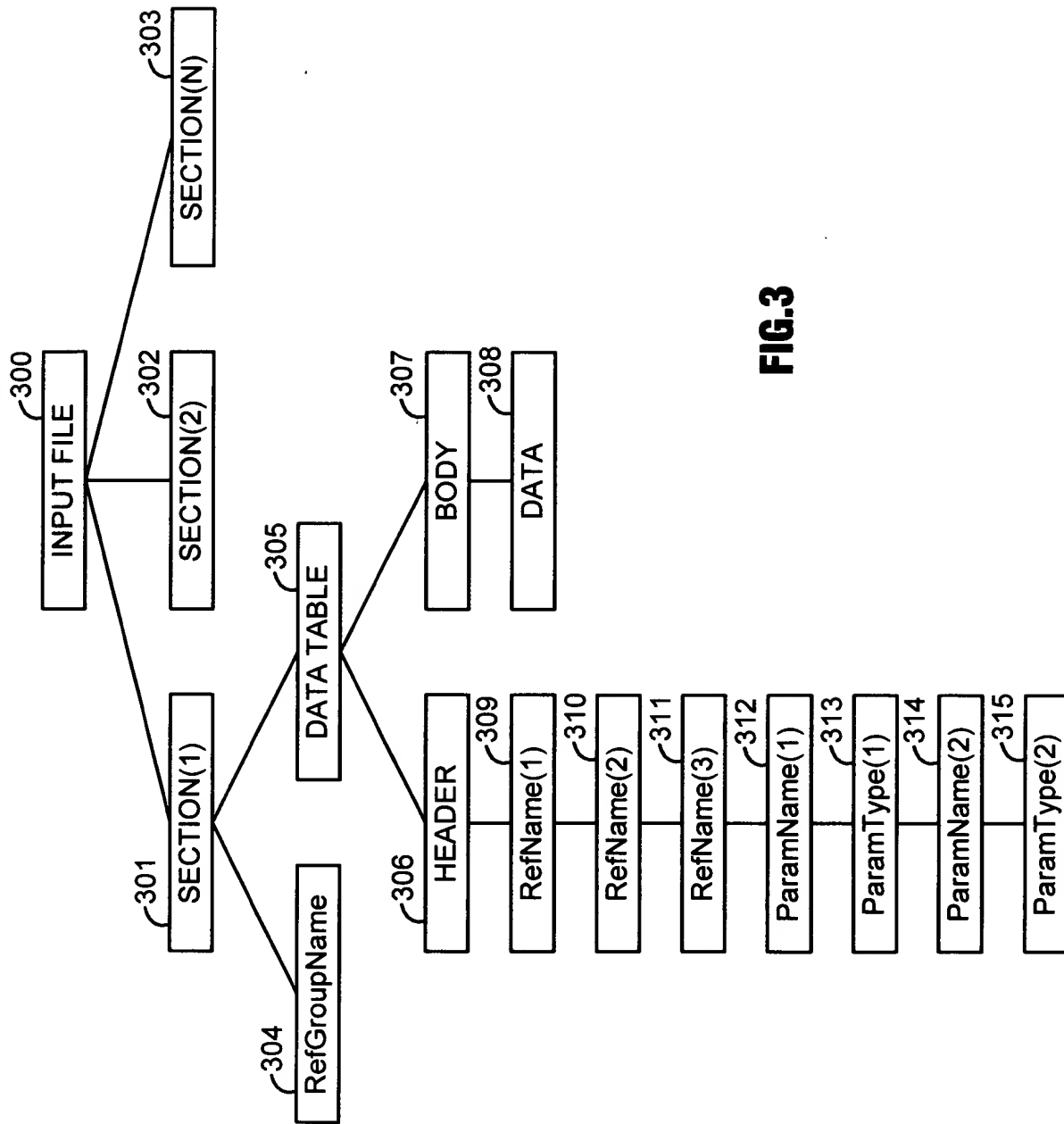
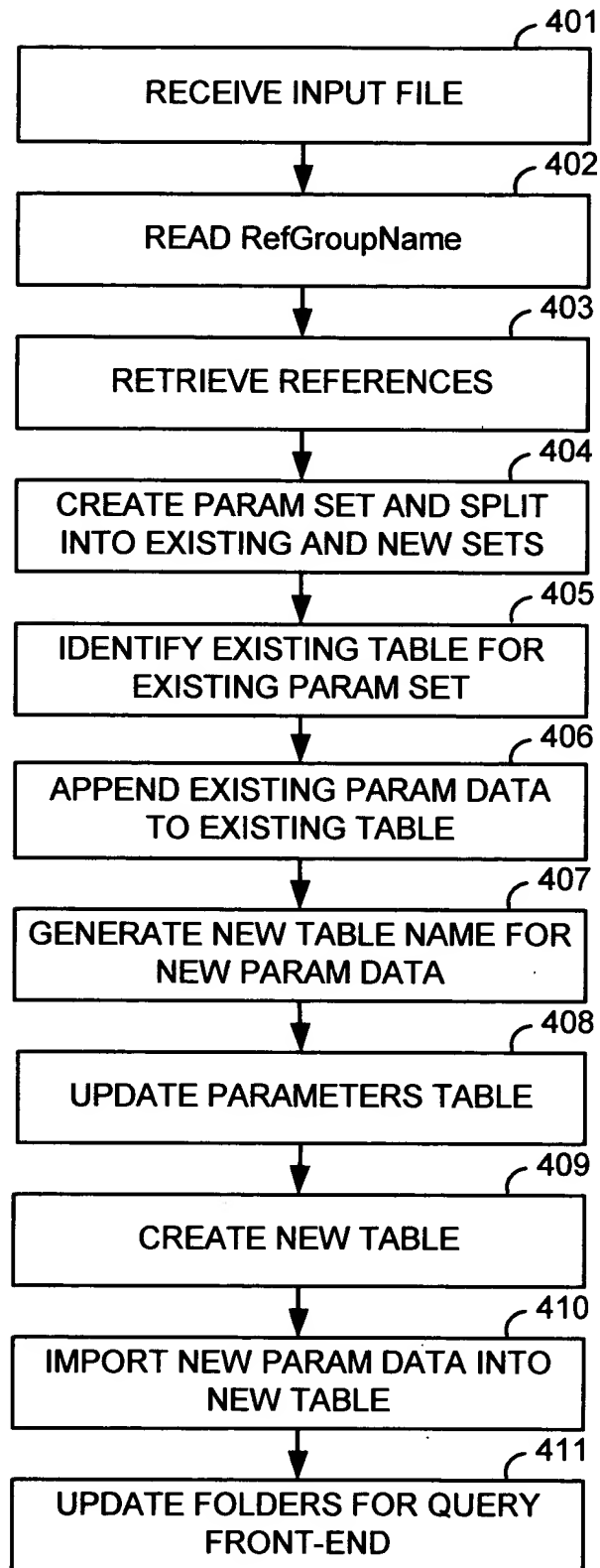
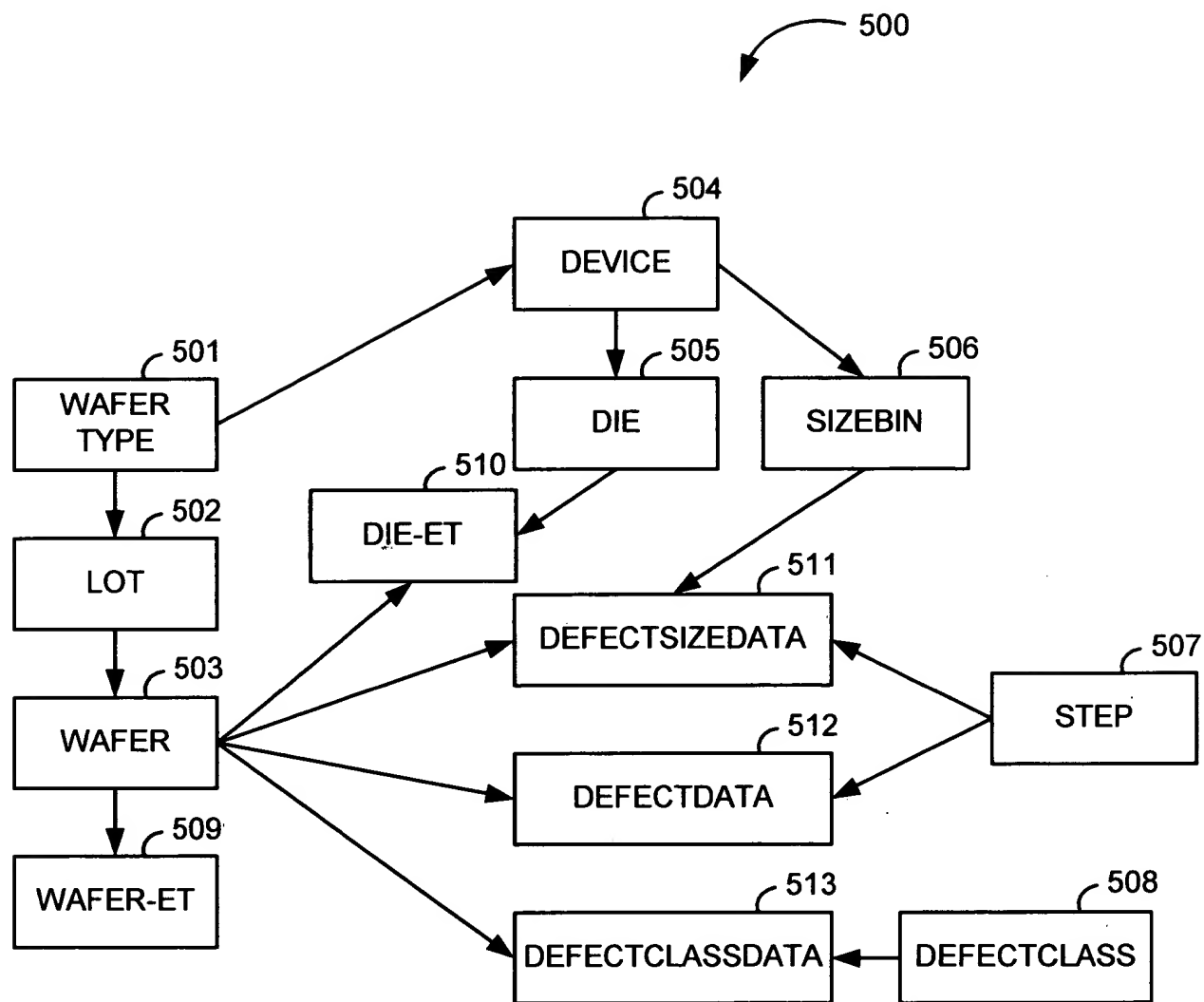


FIG. 3



**FIG.4**

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**FIG.5**

## RefGroup

RefGroupID	RefGroupName	601
1	DeviceAttr	602
2	LotAttr	603
3	WaferAttr	604
4	DieET	605
5	DefectSizeData	606
6	DefectData	607
7	DefectClassData	608

**FIG.6**

## References

RefName	RefGroupID	RefTable	IDField	NameField	701
Device	1	Device	DeviceID	DeviceName	702
Lot	2	Lot	LotID	LotName	703
Wafer	3	Wafer	WaferID	WaferName	704
Die	4	Die	DieID	DieXY	705
Wafer	4	Wafer	WaferID	WaferName	706
Wafer	5	Wafer	WaferID	WaferName	707
Step	5	Step	StepID	StepName	708
SizeBin	5	SizeBin	SizeBinID	SizeBinRange	709
Wafer	6	Wafer	WaferID	WaferName	710
Step	6	Step	StepID	StepName	711
Wafer	7	Wafer	WaferID	WaferName	712
DefectClass	7	DefectClass	DefectClassID	DefectClassName	713

**FIG.7**

### Parameters

ParamID	ParamName	ParamType	ParamDefinition	RefGroupID	801
1	Det1	Numeric	DieET.Det1	4	802
2	Dsd1	Numeric	DefectSizeData.Dsd1	5	803
3	Dd1	Numeric	DefectData.Dd1	6	804
4	Dcd1	Numeric	DefectClassData.Dcd1	7	805
5	Dcd2	Numeric	DefectClassData.Dcd2	7	806

**FIG.8**

### Folders

FolderID	FolderName	Parent	901
1	DieET	0	902
2	DefectSizeData	0	903
3	DefectData	0	904
4	DefectClassData	0	905

**FIG.9**

### ParamFolders

FolderID	ParamID	1001
1	1	1002
2	2	1003
3	3	1004
4	4	1005
4	5	1006

**FIG.10**

### Input File

RefGroup=DefectClassData

Wafer	DefectClass	Dcd1	Dcd2	Dcd3	1101
1	1	1	2	3	1102
1	2	4	5	6	1103
1	3	7	8	9	1104

FIG.11

### Parameters

ParamID	ParamName	ParamType	ParamDefinition	RefGroupID	801
6	Dcd3	Numeric	DCData1.Dcd3	7	1201

FIG.12

### Folders

FolderID	FolderName	Parent	901
5	New Parameters	0	1301
6	DefectClassData	0	1302

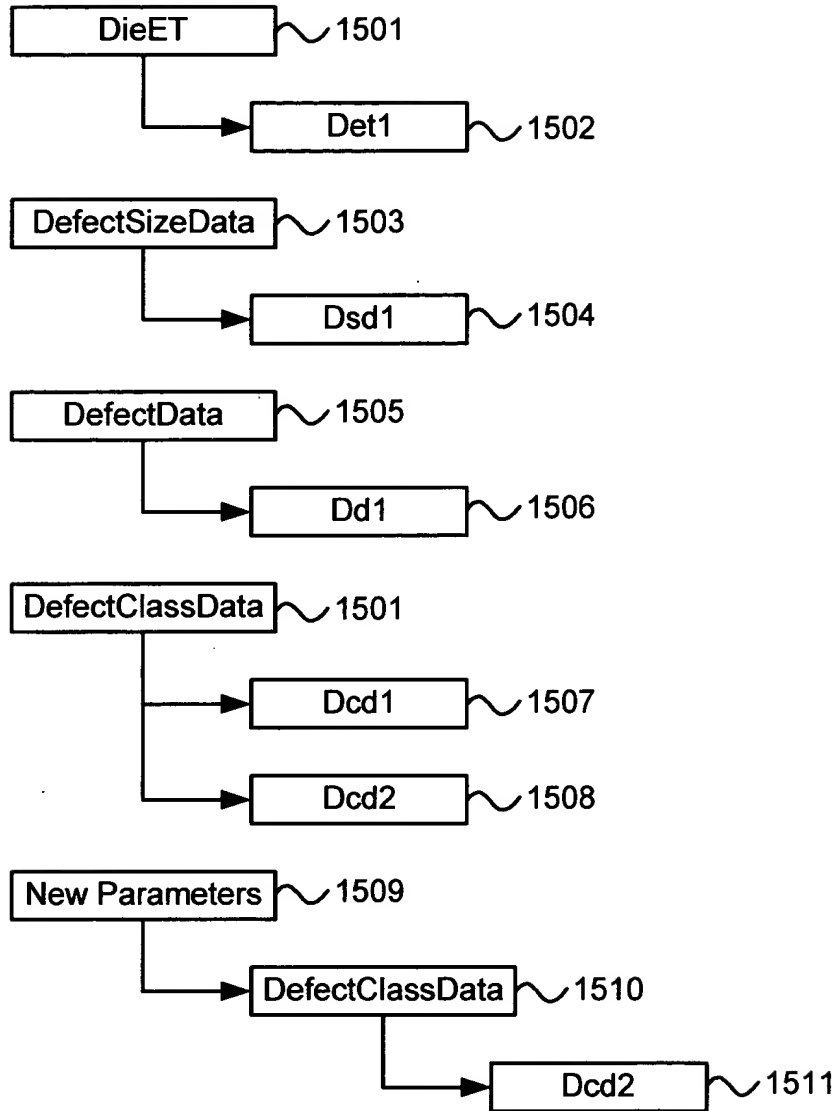
FIG.13

### ParamFolders

FolderID	ParamID	1001
6	6	1401

FIG.14





**FIG.15**